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FAI Sys

M 2 FALACTINI Table of contents - STATE TABLE ACTION ROUTINES DECLARATIONS
ACTION ROUTINES
FALSINIT
FALSINIT RENAME
FALSINIT XABCHN
SUPPORT ROUTINES
FALSINIT DATXAB, FALSINIT PROXAB
FALSINIT SUMXAB, FALSINIT ROTXAB
FALSINIT ALLXAB, FALSINIT KEYXAB (23) (45) (56) (88) (88) 5412463 1463 231373 3773

16-SEP-1984 01:33:36 VAX/VMS Macro V04-00

NAI

NA NAI NAI NAI NAI NAI

RAL

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16-SEP-1984 01:33:36 VAX/VMS Macro V04-00 5-SEP-1984 01:16:05 [FAL.SRC]FALACTINI.MAR;1

Page (1)

.TITLE FALACTINI - STATE TABLE ACTION ROUTINES .1DENT 'V04-000'

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: Facility: FAL (DECnet File Access Listener)

Abstract:

This module contains action routines called by the state table manager.

Environment: VAX/VMS, user mode

Creation Date: 16-JUN-1977 Author: James A. Krycka,

Modified By:

JAK0136 J A Krycka 07-MAR-1984 Change FALST\_NAMESPEC and FALSK\_NAMESPEC to FALST\_FILESPEC2 V03-002 JAK0136 and FALSK\_FILESPEC2.

KRM0066 K Malik 23-NOV-1982
Add FAL\$INIT\_RENAME routine.
Change FAL\$T\_EXPANDED, FAL\$K\_EXPANDED, FAL\$T\_RESULTANT and FAL\$K\_RESULTANT symbols to FAL\$T\_EXPAND, FAL\$K\_EXPAND, V03-001 KRM0066 FALST RESULT and FALSK RESULT.

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Mac

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Own Storage:

```
.SBTTL DECLARATIONS
               545
556
557
559
0000
0000
0000
                          Include Files:
0000
0000
                                                                                                           Define DAP prologue symbols
Define DAP message header
Define DAP Control message
0000
                                      $DAPPLGDEF
0000
                61
                                      SDAPHDRDEF
               62
63
0000
                                      SDAPCTLDEF
                                                                                                    Define DAP Control message
Define File Access Block symbols
Define FAL Work Area symbols
Define Name Block symbols
Define Record Access Block sym**
Define symbols common to all XABs
Define Allocation XAB symbols
Define Date and Time XAB symbols
Define File Header Char XAB symbols
Define Key Definition XAB symbols
Define Revision Date and Time symbols
Define Revision Date and Time symbols
Define Summary XAB symobls
0000
                                      $FABDEF
               64 65 66 67
0000
                                      SFALWRKDEF
0000
                                      SNAMDEF
0000
                                      $RABDEF
0000
                                      SXABDEF
0000
               SXABALLDEF
0000
                                      SXABDATDEF
0000
                                      $XABFHCDEF
0000
                                      $XABKEYDEF
0000
                                      SXABPRODEF
0000
                                      $XABRDTDEF
0000
                                      SXABSUMDEF
0000
0000
0000
                         Macros:
0000
0000
                                      None
0000
               80
0000
                          Equated Symbols:
0000
0000
                                     ASSUME DAP$Q_DCODE_FLG EQ O ASSUME FAL$Q_FLG EQ O
0000
0000
               85
0000
0000
               87
```

FAL

Tab

140 :--

```
16-SEP-1984 01:33:36 VAX/VMS Macro V04-00 
5-SEP-1984 01:16:05 [FAL.SRC]FALACTINI.MAR;1
```

```
ACTION ROUTINES FALSCODE
                              .SBTTL
               93
93
0000000
                              .PSECT
                                                              NOSHR, EXE, RD, NOWRT, BYTE
     0000
     0000
     0000
                95
                    : Functional Description:
               96
97
     0000
                              This module contains action routines invoked by the state table manager (FAL$STATE).
     0000
     0000
                98
     0000
                99
                              The input parameters and completion codes listed below are applicable for all of these action routines. Note that an action routine may use RO-R7 and AP without restoring them on exit. PO on exit, however, must represent a status code to indicate success/failure of the routine or
     0000
              100
     0000
              101
              102
     0000
     0000
                              a true/false condition, as appropriate. This status code is used by
     0000
              104
     0000
              105
                              the state table manager to advance to the next state.
     0000
              106
     0000
              107
                      Calling Sequence:
     0000
              108
     0000
              109
                              BSBW
                                         FALSINIT (only routine at present)
     0000
              110
     0000
              111
                      Input Parameters:
     0000
              112
     0000
                              R8
                                         Address of FAL work area
                              R9
                                         Address of DAP control block
     0000
              114
                                         Address of FAB
     0000
              115
                              R10
     0000
              116
                              R11
                                         Address of RAB
     0000
              117
     0000
              118
                      Implicit Inputs:
     0000
              119
     0000
              120
                              None
              121
122
123
124
125
126
     0000
     0000
                      Output Parameters:
     0000
     0000
                              R0
                                         Status code
     0000
                              R1-R7
                                         Destroyed
     0000
                              AP
                                         Destroyed
     0000
              127
     0000
              128
                      Implicit Outputs:
     0000
              129
     0000
              130
                              None
     0000
              131
              132
     0000
                      Completion Codes:
     0000
              134
     0000
                              R0
                                         1 = success: 0 = failure
              135
     0000
              136
137
138
139
     0000
                      Side Effects:
```

None

57

			- STAT FALSIN	E TABLE	ACTION ROUTINES	16-SEP-19 5-SEP-19	84 01:33:36 84 01:16:05	VAX/VMS Macro VO4-00 [FAL.SRC]FALACTINI.MAR;1	Page (
			0	000 14 000 14	2 .SBTTL	FALSINIT			
			0000	000 14 000 14 000 14 000 14	.4 :++ .5 : This routine .6 : access reque .7 : blocks and l .8 :		tting up the	n preparation for the next FAB, RAB, NAM, and FHCXAB	
68	00000702	8F	CA 0	000 14 000 15 000 15 007 15 007 15	O FALSINIT:: BICL2	<pre>#&lt;<fal\$m_att_msg>!     <fal\$m_wilb>!-     <fal\$m_ftm>!-     <fal\$m_blk_io>!-</fal\$m_blk_io></fal\$m_ftm></fal\$m_wilb></fal\$m_att_msg></pre>	- : Clea	y point r flags	
	0000EDBE		DO 0	007 15 007 15 000 15	5 6 MOVL	0>,(R8) #DAP\$K VALID R2F, - DAP\$L MSG MASK(R9)	Defi	ne which DAP messages are receive from partner	valid
	01F7	00	90 0 0 0	00F 15 011 15 014 16	8 MOVB 9 0	#DAPSR RAT D = FALSB_RAC(R8)	; Set	previous RAC value to the ault RAC value	DAP
			0	014 16 014 16 014 16	ol ; b2 ; Initialize t b3 ;	the FAB, RAB, NAM, an	d FHCXAB con	trol blocks.	
			0000	014 16 014 16	05 ASSUME 06 ASSUME 07 ASSUME 08 ASSUME	: FAL\$K_RAB GE RAB\$C : FAL\$K_NAM GE NAM\$C	IBLN IBLN		
			0	014 16 014 17	'O ASSUME	FALSL_FAB+FALSK_FA	B+FAL\$K_RAB+	FALSK_NAM EQ FALSL_FHCXAB	
			0	014 17 014 17 014 17	/2 \$ZERO_ /3 /4	DST=(R10)-	: whi	FAB, RAB, NAM, FHCXAB bloch must be contiguous in m SK_NAM+FAL\$K_FHCXAB>	cks emory
			0	001C 17 001C 17 001C 17 001C 17 001C 17	76 ASSUME 77 ASSUME 78 ASSUME 79 ASSUME	RAB\$B_BID+1 EQ RAB NAM\$B_BID+1 EQ NAM	I\$B_BLN I\$B_BLN		

			0016	100			
5003	8F	В0	001 C	181	MOVU	# <fab\$c_bln@8+fab\$c_bid></fab\$c_bln@8+fab\$c_bid>	,
	6A		0020	182 183		FAB\$B_BID(R10)	:
0400		9E	0021	183	MOVAB	FALST_FILESPEC(R8),-	:
ŽČ			0025	184		FABSL FNA(R10)	:
•	• • • •		0027	185	\$SETBIT	#FABSV NAM.FABSL FOP(R10	5
4401	8F	В0	0020	186 187	MOVW	# <rab\$c_bln28+rab\$c_bid></rab\$c_bln28+rab\$c_bid>	
	6B		0030	187		RABSB_BID(R11)	:
0294	63	9E	0031	188	MOVAB	FALSL NAM(R8),R7	:
6002	8F	ΒĎ	0036	189	MOVW	# <namsc_bln@8+namsc_bid></namsc_bln@8+namsc_bid>	_
0000	67		003A	190		NAMSB_BID(R7)	:
0500	(8	9E	003B	191	MOVAB	FALST_EXPAND(R8),-	:
00	ĂŽ		003F	192		NAMSL ESA(R7)	:
FF	8F	90	0041	193	MOVB	#FALSK_EXPAND,-	:
0A	A7	• •	0044	194		NAMSB_ESS(R7)	:
	63	9E	0046	195	MOVAB	FALST_RESULT(R8),-	:
	ĂŽ	•	004A	196		NAMSL TRSA (R7)	:
FF	8F	90	004°C	197	MOVB	WEALSE RESULT	:
02	A7	, •	004F	198		#FALSK_RESULT,- NAMSB_RSS(R7)	:
0.	• • •		•••	•			•

: Insert FAB block ID and length : Store address of file specification : string buffer in FAB );Denote NAM block is present

Insert RAB block ID and length Get address of NAM block

Insert NAM block ID and length Store address of expanded string buffer in NAM block Store size of expanded string buffer in NAM block Store address of resultant string buffer in NAM block Store size of resultant string buffer in NAM block

08 A7 01 2C1D 8F 02F4 C8

72 A8 74 A8 78 A8

80

ČŠ 80

1E00

1F00 C8

50

80

80

50

B4 D4 D4

7E D4 9E D4 9E

EF 05

0078 007B 007B 007B

007B

007B 007B 007B 007B 007B 0080

008E 008E 008E

008E 008E 0093

ΒŎ

005C 005C

		5-SEP-1984 01:16:05 [FAL.SRC]FALACTINI.MAR;1
199 200 201 202	MOVB MOVW	#NAMSM_PWD,NAMSB_NOP(R7); Do not mask out password in node spec # <xabst_fhclena8+xab\$c_fhc>,- FAL\$L_FHCXAB+XAB\$B_COD(R8); Insert FHCXAB ID and Length</xabst_fhclena8+xab\$c_fhc>
199 2001 2003 2004 2006 2006 2008	Link only the The other XAB is processed.	RAB, NAM, and FHCXAB to the FAB at this time. Is will be chained in as required when the DAP Access message

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				005C	207 : 208 209	is processed.		
30	AB 5	A I	D0	005C	209	MOVL	R10,RAB\$L FAB(R11)	; Store FAB pointer in RAB
	0294 C	8 1	DE	0060 0064	210 211	MÖVÄL		Store NAM pointer in FAB
	02F4 C	. <b>8</b> 1	DE	0066 006A	212 213	MOVAL	FAL\$L_FHCXAB(R8),-	Store FHCXAB pointer in XAB chain
	02F8 C	. <b>8</b> 1	DE	006C 0070	214 215	MOVAL	FAB\$L_XAB(R10) FAL\$L_FHCXAB+XAB\$L_NXT(R FAL\$L_CHAIN_NXT(R8)	
	, ,	Ü		0072	216		LWFAF CHWIM WYI (KO)	; Save address of next chain pointer

Initialize XAB related fields in the FAL work area.

CLRW CLRL CLRL	FAL\$W_RECEIVED(R8) FAL\$L_ALLXABINI(R8) FAL\$L_KEYXABINI(R8)	;	Zero	list	o f	received ALLXABS KEYXABS	initia	lized
LLKL	LUTAL KELYUDINI (KO)	į	Zero	LIST	O T	KETAADS	initia	Lizea

Initialize volume and directory name descriptors for possible wildcard processing.

ASSUME	FALSQ_VOLNAME+8 EQ FALSQ	I_DIRNAME
MOVAO	EAL CO VOLNAME (DO) DO	. Cot addasse of fi

MOVAQ CLRL	FAL\$Q_VOLNAME(R8),R0 (R0)+	; Get address of first descriptor ; ; Initialize volume name descriptor
MÖVÄB CLRL MOVAB	FALST VOLNAME(R8),(R0)+ :	laibialia diamban, and danadaban

Exit state with success if a valid Configuration message has been processed; otherwise, exit state with failure.

EXTZV RSB #FAL\$V\_CNF\_MSG,#1,(R8),R0 ; Exit state with status code in RO

Page 6 (5)

					0094 0094	246	.SBTTL	FALSINIT_R	ENAME	
0094   251					0094	248	: ++			
ASSUME   FALSK_NAM2 GE NAMSC_BLN   ASSUME   FALSK_NAM2 GE NAMSC_BLN					0094	249	; This routine	initializes	the secondary	FAB and NAM control blocks in the FAL
Note					0094	250 251	; work area whi	ich are used	by the rename	operation.
Note					0094	252	•			
ASSUME   FALSK_NAM2 GE NAMSC_BLN   ASSUME   FALSK_NAM2 GE NAMSC_BLN					0094	253	FALSINIT_RENAME	::		; Entry point
No.						254	ACCUME	FAI SY FAR2	GE FARSC BIN	
100A1   265						256	ASSUME	FALSK NAM2	GE NAMSC BLN	
100A1   265					0094	257		_	_	CAL &: NAMO
100A1   265					0094	22B	A220ME	LATAL LARS	+FALSK_FABZ EU	FALSL_NAM2
South   Sout	5A	0800	<b>C8</b>	DE	0094	260	MOVAL	FAL\$L_FAB2	(R8),R10	; Get address of FAB2 in R10
100A1   265					0099	261	\$ZERO_F	ILL-		; Zero FAB2 and NAM2 blocks which must
100A1   265					0099	263				; De contiguous in memory NAM2>
OPO			_		00A1	264			_	
OC A7 OOBF 274  FF 8F 90 OOC1 275  OA A7 OOC6 277  OBOO C8 9E OOC6 277  OF 8F 8F 90 OOC1 278  OF 8F 8F 90 OOC2 279  OA A7 OOCA 278  FF 8F 90 OOCC 279  OA A7 OOCA 278  OA A7 OOCA 279  OOCA 279  OOCA 279  OOCA 279  OOCA 279  OOCA 279  OOCA 270  OOCA 279  OOCA 270		5003		B0		265	MOVW	# <fabsc_bli< td=""><td>Na8+FAB\$(_BID&gt;</td><td>, = . Income EAR block ID and length</td></fabsc_bli<>	Na8+FAB\$(_BID>	, = . Income EAR block ID and length
OC A7 OOBF 274  FF 8F 90 OOC1 275  OA A7 OOC6 277  OBOO C8 9E OOC6 277  OF 8F 8F 90 OOC1 275  MOVB MFAL\$R EXPAND2,— Store size of expanded string ham block OBOO C8 9E OOC6 277  OA A7 OOCA 278  FF 8F 90 OOCC 279  OA A7 OOCA 278  FF 8F 90 OOCC 279  OOCF 280  OOCF 280		0900		9E	00A5	267	MOVAB	FALST FILE	SPEC2(R8)	: Store address of file specification
OC A7 OOBF 274  FF 8F 90 OOC1 275  OA A7 OOC6 277  OBOO C8 9E OOC6 277  OF 8F 8F 90 OOC1 278  OF 8F 8F 90 OOC2 279  OA A7 OOCA 278  FF 8F 90 OOCC 279  OA A7 OOCA 278  OA A7 OOCA 279  OOCA 279  OOCA 279  OOCA 279  OOCA 279  OOCA 279  OOCA 270  OOCA 279  OOCA 270				. •	OOAA	268		FAB\$L_FNA(	R10)	string buffer in FAB
OC A7 OOBF 274  FF 8F 90 OOC1 275  OA A7 OOC6 277  OBOO C8 9E OOC6 277  OF 8F 8F 90 OOC1 278  OF 8F 8F 90 OOC2 279  OA A7 OOCA 278  FF 8F 90 OOCC 279  OA A7 OOCA 278  OA A7 OOCA 279  OOCA 279  OOCA 279  OOCA 279  OOCA 279  OOCA 279  OOCA 270  OOCA 279  OOCA 270	57	0850	C 0	QE.		269	\$SETBIT	FABSV NAM	FABSL FOP(R10	);Denote NAM block is present
OC A7 OOBF 274  FF 8F 90 OOC1 275  OA A7 OOC6 277  OBOO C8 9E OOC6 277  OF 8F 8F 90 OOC1 278  OF 8F 8F 90 OOC2 279  OA A7 OOCA 278  FF 8F 90 OOCC 279  OA A7 OOCA 278  OA A7 OOCA 279  OOCA 279  OOCA 279  OOCA 279  OOCA 279  OOCA 279  OOCA 270  OOCA 279  OOCA 270	<i>)</i> (			B0		271	MOVW	# <namsc bl<="" td=""><td>Na8+NAMSC BID&gt;</td><td>, det address of NAME block</td></namsc>	Na8+NAMSC BID>	, det address of NAME block
OC A7 OOBF 274  FF 8F 90 OOC1 275  OA A7 OOC6 277  OBOO C8 9E OOC6 277  OF 8F 8F 90 OOC1 275  MOVB MFAL\$R EXPAND2,— Store size of expanded string ham block OBOO C8 9E OOC6 277  OA A7 OOCA 278  FF 8F 90 OOCC 279  OA A7 OOCA 278  FF 8F 90 OOCC 279  OOCF 280  OOCF 280			67		00B/	272		NAMSB_BID(	R7)	Insert NAM block ID and length
OA A7 OUC4 276 NAMSB_ESS(R7) ; Duffer in NAM block OBOO (8 9E 00C6 277 MOVAB FALST_RESULT2(R8),- ; Store address of resultant string O4 A7 OUCA 278 NAMSL_RSA(R7) ; buffer in NAM block FF 8F 90 OUCC 279 MOVB #FALSK_RESULT2,- ; Store size of resultant string O2 A7 OUCF 280 NAMSB_RSS(R7) ; buffer in NAM block O8 A7 O1 90 OUD1 281 MOVB #NAMSB_NOP(R7); Do not mask out password in node spec OUD5 282 OUD5 283; OUD5 284 : Link the secondary NAM to the secondary FAB		OAOO	[8 A7	9E		275	MOVAB		NUC INUI	, stole address of expanded string
OA A7 OUC4 276 NAMSB_ESS(R7) ; Duffer in NAM block OBOO (8 9E 00C6 277 MOVAB FALST_RESULT2(R8),- ; Store address of resultant string O4 A7 OUCA 278 NAMSL_RSA(R7) ; buffer in NAM block FF 8F 90 OUCC 279 MOVB #FALSK_RESULT2,- ; Store size of resultant string O2 A7 OUCF 280 NAMSB_RSS(R7) ; buffer in NAM block O8 A7 O1 90 OUD1 281 MOVB #NAMSB_NUP(R7); Do not mask out password in node spec OUD5 282 OUD5 283; OUD5 284 : Link the secondary NAM to the secondary FAB		FF	8F	90		273	MOVB	WFALSK EXP	AND2	: Store size of expanded string
08 A7 01 90 00D1 281 MOVB #NAM\$M_PWD,NAM\$B_NOP(R7); Do not mask out password in node spec 00D5 282 00D5 283; 00D5 284; Link the secondary NAM to the secondary FAB		0.4	A7	-	0004	276		NAMSB_ESS(	R7)	; buffer in NAM block
08 A7 01 90 00D1 281 MOVB #NAM\$M_PWD,NAM\$B_NOP(R7); Do not mask out password in node spec 00D5 282 00D5 283; 00D5 284; Link the secondary NAM to the secondary FAB		0800	(8 A7	ΥŁ		2// 278	MONAR	HALDI_RESU	L(2(88),- P7)	; Store address of resultant string · buffer in NAM block
08 A7 01 90 00D1 281 MOVB #NAM\$M_PWD,NAM\$B_NOP(R7); Do not mask out password in node spec 00D5 282 00D5 283; 00D5 284; Link the secondary NAM to the secondary FAB		FF	8F	90		279	MOVB	#FALSE_RES	ÛĽŤ2,-	Store size of resultant string
00D5 282 00D5 283; 00D5 284: Link the secondary NAM to the secondary FAR	0.0			00		280	MOUD	NAMSB_RSS(	K <i>( )</i>	; Duffer in NAM Dlock
0005 284 · Link the secondary NAM to the secondary FAR	08	A/	U I	90		282	MOAR	#NAMSM_PWD	,NAMSB_NUP(R/)	; Do not mask out password in node spec
0005 284 · Link the secondary NAM to the secondary FAR					00D5	283	;			
0005 286 0005 286 0850 (8 DE 0005 287 MOVAL FAL\$L_NAM2(R&) ; Store NAM2 pointer in FAB2					00D5	284	; Link the seco	ondary NAM to	o the secondar;	y FAB.
0850 (8 DE 0005 287 MOVAL FAL\$L_NAM2(RB),- ; Store NAM2 pointer in FAB2					0005 0005	285 286	<b>;</b>			
				DE	00D5	287	MOVAL			; Store NAM2 pointer in FAB2
28 AA 00D9 288	<b>5</b> A	28	AA	0.5	00D9	288	MOVAL	FABSL NAM(	R10)	Paston D10 to CAD pointed
5A 0200 C8 DE 00DB 289 MOVAL AL\$L_FAB(R8),R10 ; Restore R10 to FAB pointer 50 01 DO 00E0 290 MOVL #1,R0 ; Return success code	)A	50	01	DO		290 290		#1.RO	KO),KIU	; Restore kiu to rab pointer : Return success code
05 00E3 291 RSB		, •	•			291				,

f 3

; Exit state with status code in RO

FAL

V04

G 3

00F8

310

RSB

SUPPORT ROUTINES

00F9

ASSUME

FAL

V 34

```
.SBTTL
.PSECT
                                         SUPPORT ROUTINES
00000F9
                                         FALSCODE
                                                               NOSHR, EXE, RD, NOWRT, BYTE
              314
     00F9
     OCF 9
              315
              316
     00F9
                     functional Description:
               317
     00F9
              318
     00F9
                              The following routines are called by other action routines, not by the
              319
     00F9
                              state table manager (FAL$STATE).
              320
321
     00F9
     00F9
                               These routines initialize the specified XAB. For Allocation and Key
     00F9
                              Definition XABs, the area ID and key of reference value, respectively,
     00F9
                               is an input parameter.
     00F9
              325
326
327
     00F9
                      Calling Sequence:
     00F9
                                         FALSINIT_ALLXAB
FALSINIT_DATXAB
FALSINIT_KEYXAB
FALSINIT_PROXAB
FALSINIT_RDTXAB
     00F9
                              BSBW
     00F9
                              BSBW
     00F9
                              BSBW
               330
     00F9
                              BSBW
               331
     00F9
                              BSBW
               332
     00F9
                                         FALSINIT_SUMXAB
                              BSBW
               333
     00F9
     00F9
              334
                      Input Parameters:
               335
     00F9
              336
337
     00F9
                              R6
                                         AID value for FALSINIT_ALLXAB; REF value for FALSINIT_KEYXAB
     00F9
              338
     00F9
                      Implicit Inputs:
              339
     00F9
     00F9
               340
                              None
              341
342
343
     00F9
     00F9
                      Output Parameters:
     00F9
              344
345
     00F9
                              R0
                                         Status code
                              R1-R5
     00F9
                                         Destroyed
              346
347
     00F9
                              R6
R7
                                         Unchanged
     00F9
                                         Address of XAB initialized
     00F9
              348
              349
350
351
352
     00F9
                      Implicit Outputs:
     00F9
     00F9
                              None
     00F9
     00F9
                      Completion Codes:
     00F9
     00F9
                              RO
                                         1 = success: 0 = failure
              356
357
358
359
     00F9
     00F9
                      Side Effects:
     00F9
     00F9
                              None
              360
361
362
363
     00F9
     00f9
     00F9
                              ASSUME XAB$B_COD+1 EQ XAB$B_BLN
ASSUME FAL$K_ALLXAB GE XAB$C_ALLLEN
ASSUME FAL$K_DATXAB GE XAB$C_DATLEN
ASSUME FAL$K_KEYXAB GE XAB$C_KEYLEN_V2
ASSUME FAL$K_PROXAB GE XAB$C_PROLEN
     00F9
              364
365
366
367
368
     00F9
     00F9
     00F9
     00F9
```

FALSK\_RDTXAB GE XAB\$C\_RDTLEN

- STATE TABLE ACTION ROUTINES SUPPORT ROUTINES

Page 9 (7)

00F9 369 ASSUME FALSK\_SUMXAB GE XAB\$C\_SUMLEN

1 3

FAL VO4

FAL

V04

10

(8)

MOVL

RSB

CLRL

RSB

.END

INIT\_ERR:

#1,R0

Return success code

Return failure code

: End of module

: Exit

50

01

50

019D

01A0

01A1

01A1

01A3

01A4 01A4 472 473

474

475

476

05

FALACTINI Symbol table		STATE TABLE ACTION		01:33:36 VAX 01:16:05 [FA	/VMS M L.SRC]	lacro VO4: IFALACTIN
DAPSB BITCHT DAPSB BITCHT DAPSB CTLFUNI DAPSB CODE DAPSB DCODE DAPSB LENS 6 DAPSB LENS 6 DAPSB LENS 6 DAPSB LENS 6 DAPSB LENS THE DAPSB TYPE DAPSB TYPE DAPSB TYPE DAPSB TYPE DAPSK BLN DAPSK BLN DAPSK BLN DAPSK CMWA CMWA CMWA CMWA CMWA CMWA CMWA CMWA	FID MAC MSG  ID C = C = C = C = C = C = C = C = C = C	00000035 00000018 00000018 00000031 00000033 00000033 00000030 00000000	FALSE - VALUE FALSE - VALUE FALSE - VALUE FALSE - VALUE FALSE - VARBEN FALSINIT - ALL XA FALSINIT - ALL XA FALSINIT - KEYXAA FALSINIT - RENAM FALSINIT - SUMXAFALSINIT - SUMXAFALSINIT - SUMXAFALSINIT - SUMXAB FALSK - ALSINIT - SUMXAFALSK - ALSK - ALSK - ALSK - ALSK - ALSK - EXPAND FALSK - FAB2 FALSK - KEYXAAB FALSK - NAM2 FALSK - NAM2 FALSK - NAM2 FALSK - NAM2 FALSK - RESULT2 FALSK - NAM2 FALSK - RESULT2 FALSK - BALSK - ALIXAB FALSK - RESULT2 FALSK - BALSK - ALIXAB FALSK - ALIXAB FALSK - ALIXAB FALSK - BALSK - BAL	00000000000000000000000000000000000000	1000499C24040CFF00CCFF00844FFC004C0004800840CCCCCCCC448	02022022022022

EAL ACTINIT	CTATE TABLE 465	M 3	4/ 050 400/ 04 77 7/	
FALACTINI Symbol table	- STATE TABLE ACT	IUN KUUTINES	16-SEP-1984 01:33:36 VAX/VMS Macro V04-00 5-SEP-1984 01:16:05 [FAL.SRC]FALACTINI.MAR;1	Page 13 (8)
FALSL_USE_VER FALSM_ATT_MSG FALSM_BIK_IO FALSM_WILD FALSO_BLD FALSO_FALOG FALSO_FALOG FALSO_FALOG FALSO_FALOG FALSO_TROV FALSO_TROV FALSO_TROV FALSO_RCV FALSO_RCV FALSO_SYSNET FALSO_SYSNET FALSO_SYSNET FALSO_XMT FALSO_XMT FALSO_XMT FALSO_XMT FALSO_XMT FALSO_XMT FALSO_XMT FALSO_TEMP FALST_DIRNAME FALST_DIRNAME FALST_DIRNAME FALST_DIRNAME FALST_DIRNAME FALST_DIRNAME FALST_PALOG FALST_FILESPEC FA	00000000000000000000000000000000000000	RABSC_BID RABSC_BID RABSC_BID RABSC_ABSB_AID XABSB_COD XABSB_REF XABSC_ALL EN XABSC_ALL EN XABSC_ALL EN XABSC_FHC XABSC_FHC XABSC_FC XABSC_FROT XABSC_RDT XABSC_RDT XABSC_SUM XABSC_SUM XABSC_SUM XABSC_SUM XABSC_SUM XABSC_NXT	= 00000001 = 00000044 = 00000017 = 00000001 = 000000017 = 00000014 = 00000012 = 00000012 = 00000015 = 00000015 = 00000015 = 00000015 = 00000015 = 00000016	(8)

FAL VO4 ! Psect synopsis !

PSECT name Allocation PSECT No. Attributes 00000000 0.) NOPIC ABS LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE ABS USR CON 00002000 LCL NOSHR EXE RD WRT NOVEC BYTE **SABSS** 01 1.) NOPIC USR CON ABS 02 ( FALSCODE 000001A4 420.) 2.) NOPIC USR CON REL LCL NOSHR EXE RD NOWRT NOVEC BYTE

Performance indicators .

**Elapsed Time** Phase Page faults CPU Time 29 00:00:01.13 00:00:00.07 Initialization 00:00:02.11 00:00:28.29 00:00:03.28 146 322 00:00:00.41 Command processing 00:00:08.11 Pass 1 00:00:01.04 Symbol table sort 94 25 00:00:01.56 Pass 2 00:00:10.03 Symbol table output 00:00:00.81 Psect synopsis output 00:00:00.02 00:00:00.02 Cross-reference output 00:00:00.00 00:00:00.00 Assembler run totals 00:00:11.35 00:00:45.68

The working set limit was 1650 pages. 64571 bytes (127 pages) of virtual memory were used to buffer the intermediate code. There were 60 pages of symbol table space allocated to hold 1130 non-local and 4 local symbols. 476 source lines were read in Pass 1, producing 13 object records in Pass 2. 25 pages of virtual memory were used to define 24 macros.

! Macro library statistics !

## Macro library name

Macros defined

\_\$255\$DUA28:[FAL.OBJ]FAL.MLB;1
\_\$255\$DUA28:[SYSLIB]STARLET.MLB;2
TOTALS (all libraries)

6 15 21

1320 GETS were required to define 21 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LISS: FALACTINI/OBJ=OBJS: FALACTINI MSRCS: FALACTINI/UPDATE=(ENHS: FALACTINI)+LIBS: FAL/LIB

FAL VO4 0174 AH-BT13A-SE

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